

# Example Project - The Dynamics of a Semi-Arid Region in Response to Climate and Water-Use Policy

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- Study of the characteristics and magnitude of change of both natural and managed ecosystems of Owens Valley over 15 years in response to natural and socially-driven forces
- Tracking vegetation response to the combination of drought, water draw-down, and recovery from drought using detailed field survey and remote sensing to scale local measurements to the regional scale
- Large changes observed, management of resources tied to ecological health
- Effect of prior land use on vegetation response - pre 1900, 1926 survey, aerial photography 1944, 1969, 1983
- Preliminary interactions with LA water managers and Inyo County officials

